Inspiron 15

5000 Series

Views

Specifications

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2014 - 03 Rev. A00

Regulatory model: P39F | Type: P39F001

Computer model: Inspiron 5547

NOTE: The images in this document may differ from your computer depending on the configuration you ordered.

Views

Front

Left

Right

Base

Display

Front

1 Power and battery-status light

Indicates the power state and battery state of the computer.

White light — Power adapter is connected and the battery is being charged.

Amber light — Battery charge is low or critical.

2 Hard-drive activity light

Turns on when the computer reads from or writes to the hard drive.

Views

Front

Left

Right

Base

Display

Left

1 Security-cable slot

Connect a security cable to prevent unauthorized movement of your computer.

2 Power-adapter port

Connect a power adapter to provide power to your computer and charge the battery.

3 USB 2.0 port

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

4 Media-card reader

Reads from and writes to media cards.

Views

Front

Left

Right

Base

Display

Right

1 Headset port

Connect a headphone, a microphone, or a headphone and microphone combo (headset).

2 USB 3.0 port

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.

3 HDMI port

Connect a TV or another HDMI-in enabled device. Provides video and audio output.

4 Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.

Views

Front

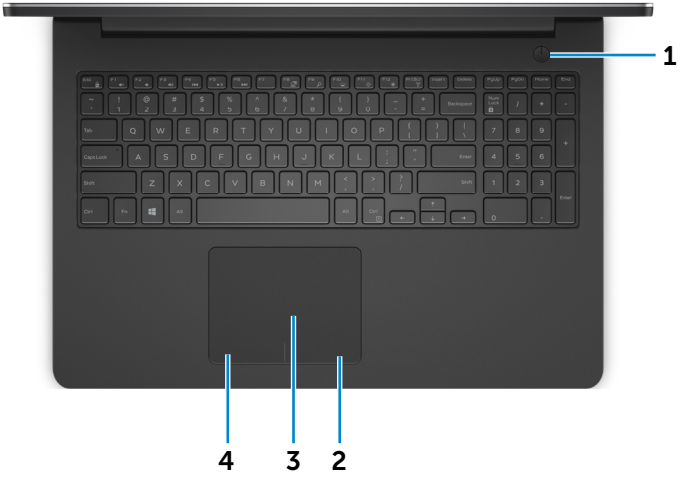
Left

Right

Base

Display

Base



1 Power button

Press to turn on the computer if it is turned off or in Sleep state.

Press to put the computer in Sleep state if it is turned on.

Press and hold for 10 seconds to force shut-down the computer.

NOTE: You can customize the power-button behaviour in Power Options. For more information, see ***Me and My Dell*** at **dell.com/support**.

2 Right-click area

Press to right click.

3 Touchpad

Move your finger on the touchpad to move the mouse pointer. Tap to left-click.

4 Left-click area

Press to left click.

Views

Front

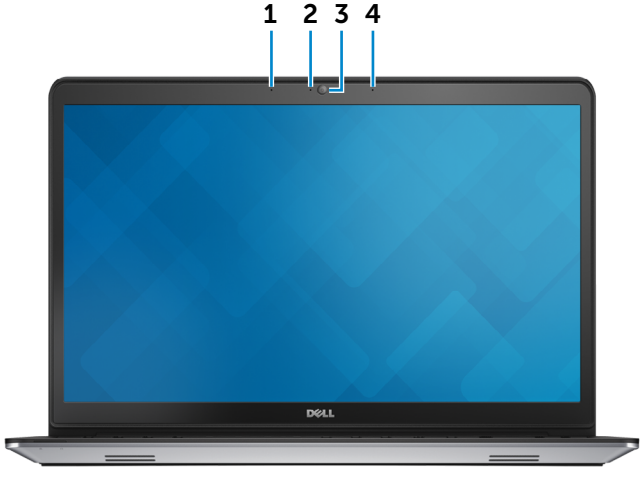
Left

Right

Base

Display

Display



1 Left microphone

Provides high-quality digital sound input for audio recording, voice calls, and so on.

2 Camera-status light

Turns on when the camera is in use.

3 Camera

Allows you to video chat, capture photos, and record videos.

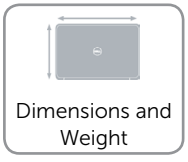
4 Right microphone

Provides high-quality digital sound input for audio recording, voice calls, and so on.

Specifications

Dimensions and Weight

Height:	
Touch	22 mm (0.87 in)
Non touch	21.80 mm (0.86 in)
Width	380.40 mm (14.98 in)
Depth	259 mm (10.20 in)
Weight:	
Touch	2.38 kg (5.25 lb)
Non Touch	2.18 kg (4.81 lb)
	NOTE: The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.


Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Keyboard

Camera

Touchpad

Battery

Power Adapter

Computer Environment

Specifications

System Information

Computer model	Inspiron 15 Model 5547
Processor	4th generation Intel Core i3 ULV 4th generation Intel Core i5 ULV 4th generation Intel Core i7 ULV
L3 cache	4 MB
Chipset	Integrated in processor

Dimensions and Weight

System Information

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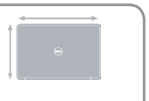
Computer Environment

Specifications

Memory

Connector	Two SODIMM slots
Type	Dual channel DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB


Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

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Storage

Media-Card Reader

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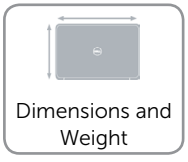
Power Adapter

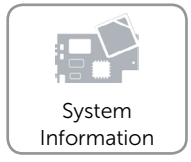
Computer Environment

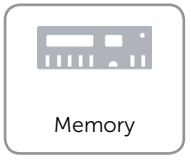
Specifications

Ports and Connectors

External:	
Network	One RJ45 port
USB	• One USB 2.0 port • Two USB 3.0 ports
HDMI	One HDMI port
Audio	One headset port
Internal:	
M.2	One M.2-2230 slot for WLAN, Bluetooth, and wireless display (optional)

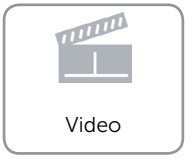

Dimensions and Weight


System Information

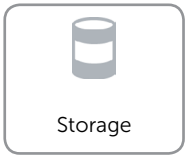

Memory

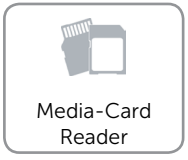
Ports and Connectors

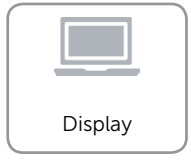
Communications

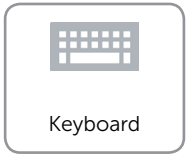

Video

Audio

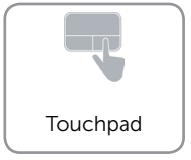

Storage

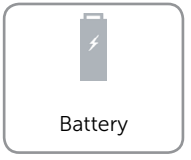

Media-Card Reader

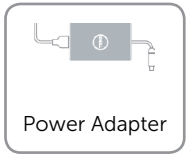

Display


Keyboard

Camera


Touchpad


Battery


Power Adapter

Computer Environment

Specifications

Communications

Ethernet	10/100 Mbps Ethernet controller integrated on system board
Wireless	• Wi-Fi 802.11 ac/b/g/n • Bluetooth 4.0 • WiDi (optional)

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

Display

Keyboard

Camera

Touchpad

Battery

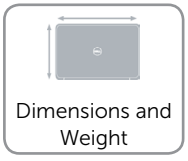
Power Adapter

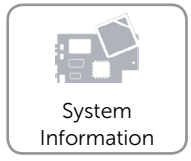
Computer Environment

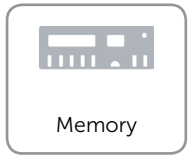
Specifications

Video

Controller:	
Integrated	Intel HD Graphics 4400
Discrete	AMD Radeon R7 M265
Memory:	
Integrated	Shared system memory
Discrete	2 GB DDR3

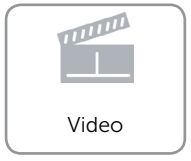

Dimensions and Weight


System Information

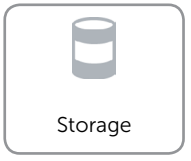

Memory

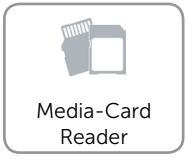
Ports and Connectors

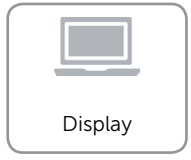
Communications

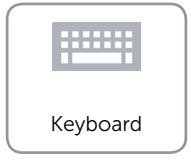

Video

Audio

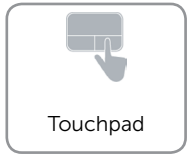

Storage

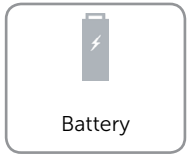

Media-Card Reader

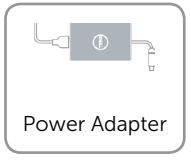

Display


Keyboard

Camera


Touchpad


Battery


Power Adapter

Computer Environment

Specifications

Audio

Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Speaker output:	
Average	2 watt
Peak	2.5 watt
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

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Media-Card Reader

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Touchpad

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Power Adapter

Computer Environment

Specifications

Storage

Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)

Dimensions and Weight

System Information

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Ports and Connectors

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Media-Card Reader

Display

Keyboard

Camera

Touchpad

Battery

Power Adapter

Computer Environment

Specifications

Media-Card Reader

Type	One 5-in-1 slot
Cards supported	• SD card • SD 3.0 card • SD High-Capacity (SDHC) card • Memory Stick • Memory Stick PRO

Dimensions and Weight
System Information
Memory
Ports and Connectors
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Storage
Media-Card Reader
Display
Keyboard
Camera
Touchpad
Battery
Power Adapter
Computer Environment

Specifications

Display

Type	15.6-inch HD 15.6-inch HD touchscreen 15.6-inch full-HD touchscreen		
Refresh rate	60 Hz		
Operating angle	0 degrees (closed) to 135 degrees		
Controls	Brightness can be controlled using shortcut keys.		
	HD	**HD Touch**	**Full-HD Touch**
Resolution (maximum)	1366 x 768	1366 x 768	1920 x 1080
Pixel pitch	0.252 mm	0.252 mm	0.17925 mm
Dimensions:			
Height	224.30 mm (8.83 in)	225.06 mm (8.86 in)	225.06 mm (8.86 in)
Width	344.20 mm (13.55 in)	344.23 mm (13.55 in)	344.16 mm (13.55 in)
Diagonal	360 mm (14.17 in)	366.63 mm (14.43 in)	366.63 mm (14.43 in)

Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

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Storage

Media-Card Reader

Display

Keyboard

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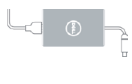
Touchpad

Battery

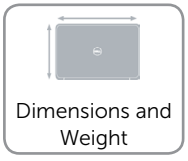

Power Adapter

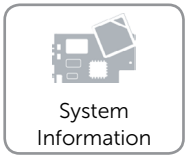
Computer Environment

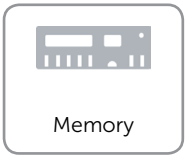
Specifications

Keyboard

Type	• Standard keyboard • Backlit keyboard (optional)
Shortcut keys	Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key. **NOTE**: You can define the primary behavior of the shortcut keys by changing **Function Key Behavior** in System Setup.

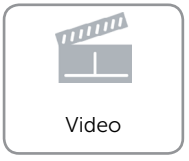

Dimensions and Weight


System Information

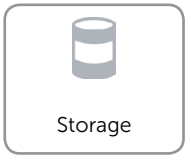

Memory

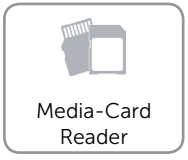
Ports and Connectors

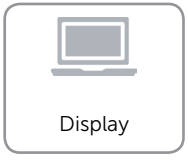
Communications

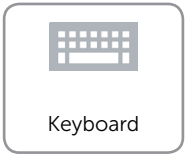

Video

Audio

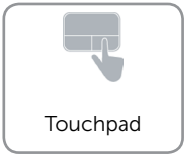

Storage

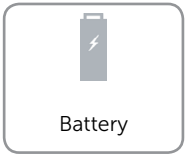

Media-Card Reader

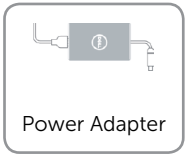

Display


Keyboard

Camera


Touchpad


Battery


Power Adapter

Computer Environment

Specifications

Camera

Resolution:	
Still image	0.92 megapixels
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74 degrees

Dimensions and Weight

System Information

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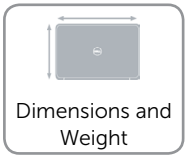
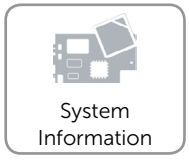
Specifications

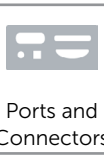
Touchpad

Resolution:	
Horizontal	1260 dpi
Vertical	1207 dpi
Dimensions:	
Width	105 mm (4.13 in)
Height	80 mm (3.15 in)


Dimensions and Weight


System Information

Memory


Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

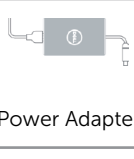
Display

Keyboard

Camera

Touchpad

Battery

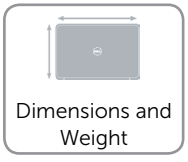

Power Adapter

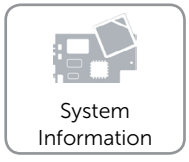
Computer Environment

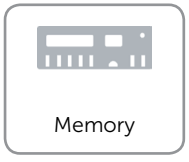
Specifications

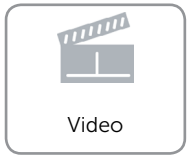
Battery

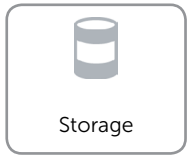
Type	• 3-cell "smart" lithium ion (43.50 WHr) • 4-cell "smart" lithium ion (58 WHr)	
	3 cell	**4 cell**
Dimensions:		
Width	208.25 mm (8.20 in)	208.25 mm (8.20 in)
Depth	124.70 mm (4.91 in)	124.70 mm (4.91 in)
Height	7.80 mm (0.31 in)	7.80 mm (0.31 in)
Weight (maximum)	0.28 kg (0.62 lb)	0.35 kg (0.77 lb)
Voltage	11.10 VDC	7.40 VDC
Life span (approximate)	300 discharge/charge cycles	
Temperature range:		
Operating	0°C to 35°C (32°F to 95°F)	
Storage	–40°C to 65°C (–40°F to 149°F)	
Coin-cell battery	CR-2032	
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	

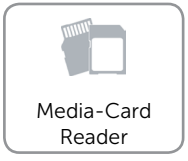


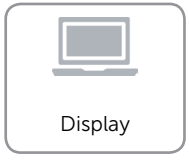


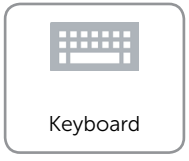


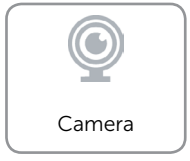


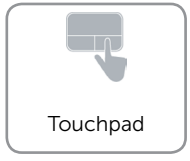


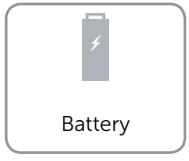


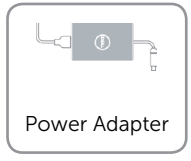








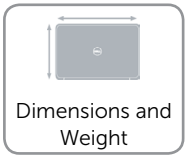


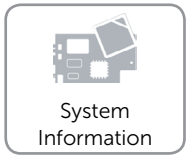


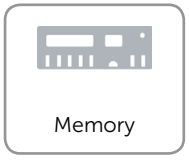
Specifications

Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current	1.5 A
Output current	3.34 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	–40°C to 70°C (–40°F to 158°F)

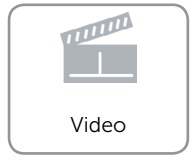

Dimensions and Weight


System Information

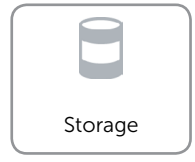

Memory

Ports and Connectors

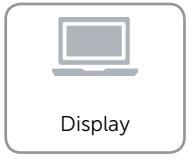
Communications

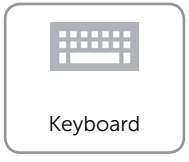

Video

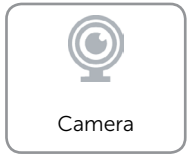
Audio

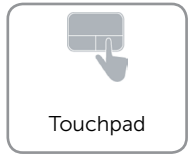

Storage

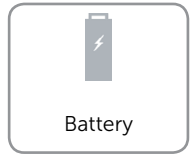
Media-Card Reader

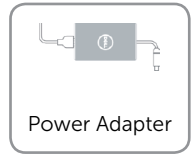

Display

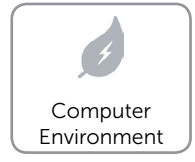

Keyboard


Camera


Touchpad


Battery


Power Adapter


Computer Environment

Specifications

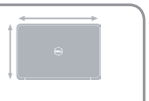
Computer Environment

Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
	Operating	**Storage**
Temperature range	0°C to 35°C (32°F to 95°F)	–40°C to 65°C (–40°F to 149°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G†	160 G‡
Altitude (maximum)	–15.2 m to 3048 m (–50 ft to 10,000 ft)	–15.2 m to 10,668 m (–50 ft to 35,000 ft)

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse when the hard drive is in use.

‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.


Dimensions and Weight

System Information

Memory

Ports and Connectors

Communications

Video

Audio

Storage

Media-Card Reader

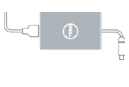
Display

Keyboard

Camera

Touchpad

Battery


Power Adapter

Computer Environment